
RECREATION AND SOCIOECONOMICS ISSUES

Draft Issues List

Revised April 26, 2001

R1. Adequacy of existing project recreation facilities, opportunities, and access to accommodate current use and future demand. (Issues addressed: 1, 2, 5-39, 41, 52, 53, 55-62, 64-85, 95, 96, 98, 103 104, 105)

R2. Adequacy of public safety at the Oroville Project recreation facilities. (Issues addressed: 49, 92, 93)

R3. Effects of facilities operations on recreation and socioeconomic opportunities. (Issues addressed: 44, 50, 51, 54, 63, 109, 114)

R4. Adequacy of maintenance and clean-up activities associated with recreation areas. (Issues addressed: 87-91)

R5. Appropriate recreation funding, development, and management structure. (Issues addressed: 3, 4, 5-10, 12, 13-15, 28-39, 52, 53, 55-62, 64-85, 96, 104, 105, 110-113, 115)

R6. Appropriate management of fisheries and wildlife resources to provide recreation opportunities. (Issues addressed: 42, 43, 45-48, 63, 84, 107-109)

S1. Improve economic development through recreation- opportunities at the Oroville Facilities. (Issues addressed: 116)

S2. Assess the economic feasibility of economic development through lower local utility rates and or other available economic options related to project resources. (Issues addressed: 117)

RECREATION AND SOCIOECONOMICS ISSUES

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Revised April 26, 2001

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE1	Existing recreational facilities are not adequate to meet demand	R1	Adequacy of existing project recreation facilities, opportunities, and access to accommodate current use and future demand.
RE2	Upgrade all facilities and develop more areas for recreation		See R1
RE3	Look at future and reliable funding sources for recreational development	R5	Appropriate recreation funding, development and management structure.
RE4	There is an interest in integrating recreation opportunities provided by the reservoir with those that could occur on adjacent national forest system lands. Uses need to be complimentary with no unmitigated impact on heritage resources and little if any impact on aquatic and terrestrial wildlife habitat or vegetative productivity. Opportunities could include boat in camping sites, trails from the reservoir to points of scenic or other interest and improvement of existing road access to the reservoir. (Plumas National Forest)		See R5, L1, L4
RE5	Improve Loafer Creek facilities		See R1
RE6	Finish Feather River Enhancement Project		See R1
RE7	Increase camping facilities		See R1
RE8	At Lime Saddle Memorial Park, build it out and extend it to capacity to which it was originally designed. Up to 250 campsites and boat ramp, swimming beach.		See R1, L1
RE9	Develop campground at the Afterbay		See R1
RE10	Develop smaller, primitive style campgrounds (tent) particularly around Enterprise boat ramp		See R1
RE11	Encourage use of the Forebay RV parking facilities		See R1
RE12	Convert floating campsites for winter use		See R1
RE13	The access road from Berry Creek needs improvement and campground facilities are needed lakeside.		See R1

RE14	Increase parking facilities		See R1
RE15	Provide more parking at Bidwell Canyon		See R1

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE16	Open spillway road to Potters Ravine for recreation development.		See R1
RE17	Widen Hwy 162 to Miners Ranch Road		See R1
RE18	Develop monorail system to Butte County		See R1
RE19	Upgrade roads to facilities		See R1
RE20	Improve access from the north		See R1
RE21	Develop an alternative route to and from Lake Oroville area. From east to west, Miners Ranch Road, converging with Foothill Boulevard, and out Ophir Road to Hwy 70.		See R1
RE22	Widen Hwy 162 as originally planned and encourage all levels of government to widen Hwy 70 to Oroville.		See R1
RE23	Build bridge from Nelson Ave Sports Complex to North Forebay and supply gas to site.		See R1
RE24	If there is going to be paving, consider Burma Road (more cost effective with no conflict of use)		See R1
RE25	Immediate access by public vehicles at Lakeland Boulevard to the old railroad grade area of the diversion pool with future consideration of improvements in that same area.		See R1
RE26	Increase marinas		See R1
RE27	Establish and locate area for bass tournaments on the lake and include stands, parking, water, electricity, vendors, boats, etc.		See R1
RE28	Develop facilities (including grandstands, toilets, and campgrounds) at the Forebay/Afterbay to support competitive powerboat events		See R1
RE29	Include a marina and launching of boats along with many recreational activities at the Afterbay, with the entrance to the facilities off Hwy 99		See R1

*Some issues identified during the February 12 Environmental Work Group meeting as fisheries issues have been moved to recreation.

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE40	Numerous proposals are being made within the Recreational and Socioeconomic Work Group to substantially increase the use of the Afterbay for boating, camping, and other activities. It is important that the environmental impacts of each of these proposals be carefully assessed so that waterfowl and other wildlife on the Afterbay are not adversely affected. (California Waterfowl Association)		See T9
RE41	Investigate potential for shooting carp activity at Oroville		See R1
RE42	Long-term cold and warm water fisheries management plan	R6	Appropriate management of fisheries and wildlife resources to provide recreation opportunities
RE43	Clean out the silt of all ponds and remove excess brush around ponds with clear paths to each and plant some warm water fish to each. One Mile Pond, plant with rainbows and brook trout and increase camping sites. (LOFEC)		See R6
RE44	Consider changes in flow rates on recreational fishing	R3	Effects of facilities operations on recreation and socioeconomic opportunities.
RE45	More emphasis on steelhead and less on salmon		See R6
RE46	Encourage continuation of bass rearing program (as plants)		See R6
RE47	Establish new lake records for fishing and establish a record keeper (group or business) (LOFEC)		See R6
RE48	Establish bank-fishing sites along sloping banks around all campground areas – Parrish Cove, Foreman Creek, Bloomer Boat-in, Goat Ranch Boat-in, Loafer Creek. (LOFEC)		See R6
RE49	Re-survey rivers and Oroville Lake for depth and mark dangerous areas with buoys. Publish new depth charts and make available to the public. (LOFEC)	R2	Adequacy of public safety at the Oroville Project recreation facilities.

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE50	Lake Oroville releases made for power generation may cause dramatic fluctuations in the lake level. What are the potential impacts of fluctuation zone and surface elevation change on recreation opportunities and on fish and wildlife habitat? (SWRCB)		See R3
RE51	Lake levels drop too low in the summer for boaters		See R3
RE52	Has DWR completed or met all its obligations for recreation mitigation (wildlife habitat and fishing) under the existing FERC license? (CDFG)		See R1
RE53	Create swimming facility (year-round) at Loafer Creek Recreation Area or other appropriate place to replace swimming lost when Bidwell Bar was inundated.		See R1
RE54	Water temperature below dam is too cold for swimming		See R3
RE55	North Forebay development and visibility of swimming opportunities – sand beach surround		See R1
RE56	Site improvements to existing flying site for model airplanes		See R1
RE57	Improve the Off Hwy Vehicle Recreation Area (SVRA) at the Oroville complex. This would include and not be limited to 4x4 areas for training, safety, but also moto-cross type tracks also.		See R1
RE58	Larkin Road Shooting Range owned and maintained by the state off Larkin Road south of the Oroville Airport. Enhance parking area, accessibility and drainage.		See R1

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE59	Open the Feather River to gold dredging from Hwy 70 bridge to and through the Wildlife area. Limit to 4" dredge, high banking, sluicing, and panning allowed and establish a building for concession and educational displays. Open from Memorial Day to Labor Day – establish a gold marketer to buy and sell gold and related items to gold recovery in the Feather River. Attraction would be closed during salmon and steelhead runs. (LOFEC)		See R1
RE60	Build an information center at the main entrance off Larkin Road for the Wildlife Area. (LOFEC)		See R1
RE61	Create a mining display visible from Hwy (dredge equipment, etc.)		See R1
RE62	Consider acquiring the Campbell Hills property to continue existing uses such as hang-gliding, kite flying, paragliding, radio-controlled plane flying at area bordering Thermalito Forebay Recreation Area.		See R1
RE63	What is the recreational value of hunting and fishing on project lands and how can they be enhanced? (DPR)		See R3
RE64	Increase hiking trails		See R1
RE65	Build pedestrian bridge adjacent to Hwy. 70 bridge. (Possibly in conjunction with train bridge – multipurpose)		See R1
RE66	Develop more bike trails that are separate from hiking and equestrian trails		See R1
RE67	Build a trail starting at the Feather River Hatchery and continuing down river to access the proposed Hwy 70-bike/pedestrian crossing. Create picnic and river access areas on this stretch of the Feather River.		See R1
RE68	Feather River trails – as proposed by the Bike Pathway Project, links of this access will be created under the Upper Thermalito Bridge and between the		See R1

	Diversion Dam and the old Feather River Railroad.		
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RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE69	Create comprehensive, integrated trail links around the Project.		See R1
RE70	Move the security fence off the trail access at the Feather River Hatchery.		See R1
RE71	Finish building the CA riding and hiking trail from Oroville Trail to Pacific Crest Trail.		See R1
RE72	Develop an endurance trail around the lake perhaps connecting to Pacific Crest Trail and preserve existing hiking and equestrian trail (in particular, preserve the Dan Beebe Trail as a historical equestrian and hiking trail)		See R1
RE73	Open diversion dam as trail linkage. Create trail linkage from diversion dam to old railroad grade at the railroad trestle. Open west side of the river from the fish barrier dam to Burma Road as recreation area. Move fence back from riverbank at fish hatchery and develop trail from Table Mountain Bridge past the Hwy 70 bridge on north side of river.		See R1
RE74	Provide overnight equestrian parking and camping facilities at existing facilities. Improve Lakeland Equestrian Parking Area as follows: expand parking area portable toilets, picnic tables, metal hitching posts, potable water, native trees planted for shade. Consider providing facilities for overnight camping, and maintain all areas as pavement free.		See R1
RE75	Install directional/rule signs for trails at parking areas and along trails, provide ranger enforcement of the rules.		See R1, L2
RE76	Provide multi-use trails		See R1
RE77	Evaluate unpaved status of RR grade multi-use trail		See R1

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE78	Improve Saddle Dam Equestrian Parking area by adding watering trough, picnic tables, metal hitching posts and planting native trees for shade on the perimeter, expand parking area for major events. Maintain all areas as pavement free. This should apply to the Visitor Center Staging Area as well.		See R1
RE79	Replace water trough that was removed from below the OWID ditch to a location nearby, as well as obtaining equestrian input as to watering locations on all present and future trails.		See R1
RE80	Add picnic tables and hitching posts at Long Bar Pond, Glen Pond Meadows, and in an open area near the OWID ditch east of the Oroville Dam Highway crossing as well as at all staging areas.		See R1
RE81	Add picnic tables and benches across from and at the Oroville Dam Spillway along the railroad grade and old construction road, multi-use sections of trail.		See R1
RE82	Evaluate potential for equestrian amphitheater/rodeo arena/multi-use/boarding facility at Larkin area, Thompson's Flat or a suitable alternative site with accessibility to existing Oroville equestrian trails		See R1
RE83	Temporarily rough clear/grade some sections of the trail used for the annual LOVER equestrian event, including an alternate route, parallel to the bike route, up the south side of the dam for horses to use during LOVER ride.		See R1
RE84	Continue Lakeshore habitat improvement.		See R1, R5, R6
RE85	Upgrade portable restrooms to permanent ones at various locations		See R1

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE86	Water lines at the day use area along the river between the Fish Barrier Dam and the Diversion Dam need to be installed to irrigate plantings. Restrooms and day use area improvements are also needed. Clean up old 'City' park adjacent to the Fish Barrier Dam, just north of the Fish Hatchery. Provide picnic areas and restroom facilities.		See A1
RE87	Need to establish a debris collection program on regular schedule	R4	Adequacy of maintenance and clean-up activities associated with recreation areas.
RE88	Remove old Rail Road trestle and other debris from river.		See R4, A1
RE89	Clean up shoreline, particularly adjacent to camping and public access areas. Use county prisoner-release programs if necessary, to maintain clean shorelines.		See R4, A1
RE89	Remove concrete and construction debris in Feather River including below the Fish Barrier dam, below the Table Mountain Bridge, below the Hwy 70 bridge.		See R4, A1
RE90	Dump areas used by DWR need to be removed.		See R4, A1
RE91	Evaluate fuel loading in areas within the Project area, including land along the Feather River below Oroville Dam through the Long Bar area and land near the Diversion Dam.		See R4, L3
RE92	Install warning system for water releases.		See R2, L8
RE93	Provide an emergency boat for CDF		See R2, L8
RE94	Evaluate existing lake security and need for increased personnel		See L2
RE95	Create, enhance and preserve Craig Access Park		See R1
RE96	Restore and improve recreation resource along the river corridor from the dam, downstream to the wildlife area		See R1
RE97	Camouflage the powerline towers		See A3

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE98	Various recreational and public use facilities were designated as mitigation measures to minimize impacts resulting from the original Oroville Project construction. The Licensee should provide a complete inventory of recreational mitigation obligations required by Articles of the existing FERC License, and should clearly disclose the current status of compliance with those measures. (SWRCB)		See R1
RE99	There is an interest in reviewing the arrangement to defer recreation management to the California Department of parks and Recreation for the purpose of determining whether to continue, modify or terminate this agreement. The arrangement if continued needs to be formally documented and updated to reflect current management direction. (Plumas National Forest)		See L4
RE100	Replace landscaping at the Feather River Fish Hatchery and adjacent river areas.		See A1
RE101	Create work team to remove invasive, non-native plants (List A and B) from State Water Project and DWR areas.		See A1
RE102	Re-seed face of Oroville Dam and perimeter of reservoir exposed during drawdown.		See A1, A2

	FEBRUARY 12 LIST*		CONSOLIDATED ISSUES LIST
RE103	Establish and locate area for bass tournaments on the lake and include stands, parking, water, electricity, vendors, boats, etc.		See R1
RE104	Develop bank fishing sites, cutaways used as fish habitat		See R1
RE105	Traditional fishing activities that were impacted by construction of dam		See R1, R5 (need Cultural Resources cross-reference)
RE106	Trophy fishing in North Fork Feather River.		See R3

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FEBRUARY 12 LIST, CONT.		CONSOLIDATED ISSUES LIST	
RE107	Work together with DFG to preserve and continue hunting and fishing opportunities in the after-bay and borrow areas		See R3, R6
RE108	Consider changes in flow rates on recreational fishing		See R3, R6
RE109	Efficiently manage recreation in the Lake Oroville State Recreation Area		See R3, R6, L4
RE110	Various recreational and public use facilities were designated as mitigation measures to minimize impacts resulting from the original Oroville Project construction. The licensee should provide a complete inventory of recreational mitigation obligations required by Articles of the existing FERC License, and should clearly disclose the current status of compliance with those measures		See R5 , R6
RE111	Manage the Wild and Scenic Zones of the Middle Fork of the Feather River consistent with the Wild and Scenic Rivers Act		See R5
RE112	Continue cooperation allowing the California Department of Parks and Recreation to manage the reservoir area including Plumas National Forest lands		See R5, L1, L4
RE113	Manage the Feather Falls Scenic Area as a Semi Primitive Non Motorized area		See R5?
RE114	Manage flows and/or reservoir storage to maintain or enhance riparian plant communities and habitat for all life stages of fish. Cooperate with local, State, and other Federal water management agencies. Protect riparian areas while providing developed facilities		See R3
RE115	Elaborate on the management of the feather falls scenic area		See R5

RECREATION/SOCIOECONOMICS MASTER LIST		CONSOLIDATED ISSUES LIST	
RE116	Look at what happens to money developed from power generation and potential to put into community. Have an economist evaluate the implications of promises versus delivery. Look at history to understand the perspectives of the community over the last 30 years.	S1	Improve economic development through recreation- opportunities at the Oroville Facilities.
RE117	Develop way to bring power and water directly from the project to the City of Oroville to stimulate economic development.	S2	Assess the feasibility of economic development through lower local utility rates and or other available economic options related to project resources.